

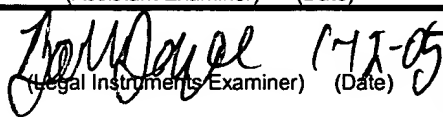


<b>Issue Classification</b> 	Application No.	Applicant(s)	
	09/412,647	KINOSHITA, HIDETOSHI	
	Examiner	Art Unit	
	Tony M Jacobson	2644	

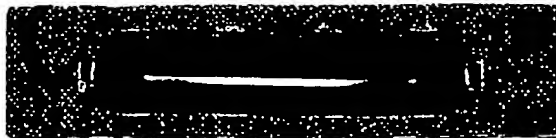
ISSUE CLASSIFICATION										
ORIGINAL					CROSS REFERENCE(S)					
CLASS	SUBCLASS				CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
381	163				381	150	123	164	189	386
INTERNATIONAL CLASSIFICATION					244	134D	134R	134F		
H	0	4	R	23/00	340	582	580			
H	0	4	R	23/02	367	99				
				/	62	140	150	156		
				/	181	148				
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<i>Tony M. Jacobson</i> 1/8/05 (Assistant Examiner) (Date)		 <b>XU MEI</b> PRIMARY EXAMINER (Primary Examiner)		Total Claims Allowed: 3	
 (Legal Instruments Examiner) (Date)		1/8/05 (Date)		O.G. Print Claim(s) 1	O.G. Print Fig. 3

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
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1-511 U.S. PTO  
09/412647  
10/05/99

Class	Subclass	ISSUE CLASSIFICATION



PATENT NUMBER

# U.S. UTILITY PATENT APPLICATION

O.I.P.E. SCANNED <u>CK3</u> <u>RM</u> <u>653</u>	PATENT DATE
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SECTOR	CLASS <u>381</u>	SUBCLASS <u>163</u>	ART UNIT <u>2743</u>	EXAMINER <u>J. OLSO</u> <u>J. OLSO</u>
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FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

2747  
2644

## PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION							
ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
<u>381</u>	<u>163</u>	<u>381</u>	<u>150</u>	<u>123</u>	<u>164</u>	<u>189</u>	<u>386</u>
INTERNATIONAL CLASSIFICATION		<u>244</u>	<u>134D</u>	<u>134R</u>	<u>134F</u>		
<u>H04R</u>	<u>23/00</u>	<u>340</u>	<u>582</u>	<u>580</u>			
<u>H04R</u>	<u>23/02</u>	<u>367</u>	<u>99</u>				
		<u>62</u>	<u>140</u>	<u>150</u>	<u>156</u>		
		<u>181</u>	<u>148</u>				

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<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drwg. <u>4</u>	Figs. Drwg. <u>9</u>	Print Fig. <u>3</u>	Total Claims <u>3</u>	Print Claim for O.G. <u>1</u>
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.	<u>Tongyi M. Jia</u> <u>1/8/05</u> (Assistant Examiner) (Date)			NOTICE OF ALLOWANCE MAILED	
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<b>XU MEI</b> <b>PRIMARY EXAMINER</b> <u>1/14/05</u> (Primary Examiner) (Date)			ISSUE FEE Amount Due _____ Date Paid _____	
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	(Legal Instruments Examiner) (Date)			ISSUE BATCH NUMBER	

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(Rev. 10/97)

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